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EXHIBITION DAHLIAS 1934

INTRODUCERS OF
"CERTIFICATE OF MERIT"
and
"HONOR ROLL"
DAHLIAS



RUSCHMOHR DAHLIA GARDENS

52 SOUTH KENSINGTON AVENUE

ROCKVILLE CENTRE, L. I.

NEW YORK

GREENHOUSE
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SHELLBANK PLACE

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6274

JOIN THE AMERICAN DAHLIA SOCIETY

We urgently request that if you are not a member of this great society to join immediately. Send \$2. to Mr. C. Louis Alling, Secretary, No. 198 Norton Street, New Haven, Connecticut, which entitles you to a bulletin which is published quarterly, filled with useful information on dahlia culture and will recompensate you many times for the money spent.

Greetings to our Dahlia Friends:

First of all we want to tell you the good news. We won sweepstake prize in every show we exhibited in during the past season, which included Valley Stream, N. Y., Rockville Centre, N. Y., Brooklyn and The American Dahlia Society Show in New York, winning the Sweepstake's prize in the open to all class. That is about saying we had the best in the Show. In the Open to all class we won 12 firsts and 5 seconds out of 22 entries. These prize winning blooms were all grown out doors under the same conditions that any amateur can and many do duplicate. Why do we win so consistently? First, our stock is the best there is. Second, we never propagate any weak or sickly stock. We treat our customers as well as we treat ourselves. Our plants are grown from the best selected roots, properly grown and sent out in perfect growing condition. Our roots are all sound, hearty, well cured and sure to grow. Our service is prompt and so satisfactory, our prices and our premiums liberal, that the first order to Ruschmohr Dahlia Gardens often is followed by another to Ruschmohr dahlias.

Order early. Why? Because good stock was never so scarce and "first come are first served." Late comers may be too late. Good stock is scarce because the terrific wind storms of last August did enormous damage, many growers losing practically all plants that were not securely staked and tied. The wind swept them, breaking them off near the ground and the roots died. Ruschmohr's location on western Long Island was somewhat fortunate. The worst of the storms past east of us and we suffered not as much as others, so we have a goodly supply of the very best.

If you have a special favorite and wish to plant more than one and wish to buy a clump of roots, write us for special prices, as we may have a surplus of just what you want. If we have, the price will be attractive.

For years, we grew dahlias as pure amateurs and as amateurs we won so consistently in this class, that friends and strangers alike came to us for our roots from our prize winners. However, this became quite expensive which led us into the Semi Commercial Class, where we won just as consistently, and became well known through our introductions of such fine varieties as Josephine G. Meadowbrook. Patricia Ann, F. W. Church, City of Wellston, Jane Dew, Pastel Glow, The Sun, Man O War, Harriet Neale, Lois Marion and Woolroc. We do not claim to be large growers. Quality, not quantity is our aim. Neverthe-

less, when the commercial growers go to the New York Show, the best of them look over the Ruschmohr entries and ask what Ruschmohr is doing. Several hundred visitors call on us annually to visit our gardens and we usually have on trial many dahlias that are undisseminated, some of which have already received certificates at the American Dahlia Society Trial Grounds.

All roots and plants are shipped under the usual Ruschmohr Guarantee, to be healthy and true to name. We cheerfully replace if they prove otherwise and make no substitutions unless requested. Remittances are to accompany all orders and we repay postage for those orders of \$3.00 and over.

Wishing you a prosperous New Year and a most successful Dahlia year, we are,

Cordially yours,

RUSCHMOHR DAHLIA GARDENS

February 1, 1934.



All abbreviations are as follows:

(I.C.)	Incurved Cactus
(R.C.)	Recurved or Straight Cactus
(S.C.)	Semi Cactus
(F.D.)	Formal Decorative
(I.D.)	Informal Decorative
(B.)	Ball
(A.)	Anenomes
(C.)	Collarettes
(M.)	Minatures
(O.)	Orchids
(S.)	Singles
(Mi.)	Mignons

OUR 1934 INTRODUCTIONS

It has been our policy to introduce Honor Roll and Certificate of Merit Dahlias only and we are pleased to state that it gives us great pleasure and honor to introduce the following good dahlias, which are all worthy of being in your garden.

Man O War (Boone-Straight-Ruschmohr) Inf. Dec. General tone is carmine, dark at center, oxblood red, with good flowering habit and good foliage. This dahlia received a score of 86 at the American Dahlia Society Trial grounds in Storrs, Conn., in 1932 and was one of the largest dahlias grown there that year. Of all the dahlias that were originated in W. Va. and sent to the trial grounds for scoring, none of them have equalled its score. It was the winner of the American Home Achievement Medal at the W. Va. Show in 1932. This was one of the few dahlias that did well in the World's Fair Outdoor Dahlia Garden in Chicago. A basket of this variety took first prize at the Brooklyn Show this year. It also has excellent keeping qualities. At the close of the New York show it was fresher than any of the others in the undisseminated classes. Listed on D. W. Hart's Honor Roll and we quote what he says in his supplementary honor roll. "Man O War, an exhibition red can no longer be just good to receive recognition. It must be outstanding, I would rate this variety as worthy of that term. It is a fine garden variety on account of its splendid habits and one of the best keepers among the large flowered. The color is a rich dark carmine red but with plenty of glow and life. Also a variety that will bloom with the earliest and continue up until frost." **Plants \$5.00, Roots \$10.00.** Stock is limited.

Harriet Neale (Wickersham-Ruschmohr) Inf. Dec. Color, rich gold. Early and profuse bloomer with good foliage. Won as the best autumn in the open to all class in the New York show. Also listed on D. W. Hart's Honor Roll who says "The most complete description I can give of this variety is to say it is a golden Marmion; deeper in color and more refined. I have seen this variety growing for two years and it is very pleasing, distinctive and a satisfactory dahlia." **Plants \$5.00, Roots \$10.00.**

Lois Marion (Detjen-Ruschmohr). Incurved cactus, center petals citron yellow, outer rows shrimp pink. Splashed effect. Straight and cane like stems. Very tall grower. Scored 85 at the American Dahlia Society Trial Grounds in 1932. Also listed on D. W. Hart's Honor Roll, who says "the bush is a tall, rank grower and needs to be

pruned severely for the best results. This variety is one of those which increases in effectiveness, when grown for exhibition." **Plants \$3.75, Roots \$7.50.**

Woolroc (Jennings-Ruschmohr). Inf. Dec. General color orange buff, back of petals old rose. Scored 85 at American Dahlia Society Trial Grounds in 1932. This is a profuse and early bloomer and blooms right up to the killing frost. Winner as the best informal decorative in the undisseminated class at the New York show. **Plants \$5.00, Roots \$10.00.** Stock is limited.

We also want to bring to the attention of those that did not purchase our 1933 introductions, which have lived up to their reputation during the past year.

Jane Dew (Dew-Ruschmohr) Inf. Dec. A magnificent and eye attracting flower on the order of Kathleen Norris—but varies enough to be interesting. Fine, true, clear pink. It ranks with the best exhibition blooms. It won a blue ribbon every time it was exhibited in the big eastern show, by both amateur and commercial growers. This alone speaks for itself. It was the outstanding pink of the year. Listed on D. W. Hart's Honor Roll this year as well as last year. **Plants \$2.50, Roots \$7.50.**

Pastel Glow (Artland-Ruschmohr) Inf. Dec. The transparent dahlia. Color white with mellow purple reverse, which shows through, giving a glow of orchid-violet iridescence. Held against an artificial light, it is enchanting and alluring. The blooms are very large and we have grown 12 to 13 inches under ordinary conditions. The blooms have flat pointed petals and it is an excellent grower. Also listed on D. W. Hart's Honor Roll, this year as well as last. **Plants \$2.50, Roots \$7.50.**

The Sun (Dudley-Ruschmohr) Semi Cactus. This yellow was named after the New York Sun, one of New York's leading evening newspapers, by our good friend, Lyn B. Dudley, The Editor of The American Dahlia Society Bulletin. It is a bright, glowing sunlight yellow, which when ripe, is of true sunburst form. Changes from informal to semi cactus as it ripens. It has excellent keeping qualities and is a good commercial dahlia. Would be inclined to call it a dry weather flower, for it did better for us in the latter part of July and early part of August and was not up to its usual standard during the rainy part of August and September. **Plants \$3.50, Roots \$7.50.**

OTHER NEW INTRODUCTIONS

	Plants	Roots
Alyce Marie Galvin (Galvin) F.D. — White with tones of pink.....	\$2.50	\$5.00
Amelia Earhart (Cordes-Eastman) S.C.—Combination of apricot buff with primrose at base of each petal.....	5.00	
Ballego's Glory (Ballego) F.D.—Scarlet, tipped with gold .....	.75	
Bubbles of Hillcrest (Scott) I.F.—Magenta, with silver reverse.....	5.00	
Buckeye King (Peck) I.D.—Gold.....	5.00	
Cadet (Ballay) S.C. — Light primrose yellow, almost cream. Somewhat similar in formation to Satan.....	7.50	
Colonial Beauty (Veile & Mendham) I.D. — Cream and pink.....	2.50	
Colonial Dame (Veile & Mendham) S.C. — Clear lavender, shading almost to a blue.....	2.50	5.00
Dot Farley (Vernon) I.D. — Peach pink and yellow	5.00	10.00
Dokoupil's Triumph I.D.—This is a European introduction and came very well recommended. The color is straw yellow, excellent grower, long stems and large flower facing upwards	3.75	
Eleanor Raddell (Felsing) I.D. — Rose and amaranth pink	2.50	5.00
Eleanor Roosevelt (Veile & Mendham) I.D.—Large white	7.50	
Elissa Landi (Cordes-Eastman) F.D.—Bright salmon orange	5.00	
Frank Lockhard (Lockhard-Blamer) F.D. — Deep purple	3.75	7.50
Golden Eclipse (Badetty) F.D.—Clear golden yellow with slight flushes of salmon on some petals. Good keeper	5.00	
Grandee (Ballay) I.D. — Light nopal red shaded orange yellow.....	7.50	
Hillcrest Cinderella (Scott) I.D. — Clear lavender	5.00	
Hillcrest Mandarin (Scott) I.D. — Oriental scarlet and golden yellow.....	3.00	
Hillcrest Nugget (Scott) I.D. — Clear golden color flushed with bronze and tints of Chinese red	5.00	
Hillcrest Sultan (Scott) F.D.—Strontian yellow with sunrise yellow reverse	5.00	
Jane Dixon (Fisher & Masson) F.D.—Salmon orange	5.00	
Jerome Kern (Veile & Mendham) I.D. — Shrimp pink, old rose.....	3.75	7.50
Jersey Dainty (Waite) I.C. — White, quite attractive	3.75	
Jersey Majestic (Waite) I.D. — Salmon, old rose and gold.....	3.75	
King of Yellows (Shattuck)—Clear yellow.....	3.75	
Lady Moyra Ponsonby (Elder) I.D. — Large golden yellow	3.75	
La Fieste (Eastman-Cordes) I.D. — Yellow striped soft red.....	2.50	5.00
Lord of Autumn (Almy) I.D.—Rich deep golden yellow	7.50	
Louise Bates (Cordes-Eastman) S.C.—Mallow pink with a phlox purple center.....	5.00	
Monmouth Pennant (Kemp)—Red and white variegated	2.50	

	Plants	Roots
Monmouth Radiance (Kemp)—Coral combination of light coral pink front effect with deep primrose	7.50	
Mrs. Chas. G. Reed (Garrity) F.D. — Pure white	2.50	
Palo Alto (Ballay) S.C.—Bright pinkish salmon shading to a salmon gold.....	5.00	10.00
Pot O Gold (Siebrecht)—Bright yellow.....	2.50	5.00
Pres. Franklin Delano Roosevelt (Shattuck) F.D.—Chinese red with lighter shadings of cream reverse	5.00	10.00
Purple Wonder (Kemp) I.D. — Pansy purple, with rose hued lavender reverse.....	3.75	
Paul Pfitzer (Pfitzer) R.C. — Combination of primrose and shell pink.....	2.50	
R. A. Broomfield (Petrie-Siebrecht) I.D. — Saffron orange, flushed with rose pink.....	5.00	
Ripples (Shattuck) I.D.—Pink.....	3.50	7.50
Robin Hood (Fisher & Masson) I.D. — Ox-blood red	1.75	
Rockleigh I.D.—Deep purple	5.00	10.00
Ruby Taylor (Garrity) F.D.—Purplish red.....	3.75	
Sanhican's Cameo (Fisher & Masson) I.D.—Coral rose	3.00	
Sanko (Alling) S.C. — Orchid, lavender and silver	2.00	4.00
Son of Commodore (Scott) I.D.—Golden yellow, with some improvement in color and in form than its predecessor.....	3.75	
Spotlight (Hulin) I.D.—Clear sulphur yellow, lighter at tips	5.00	
Strongheart (Ballay) F.D.—Amber-gold.....	2.50	5.00
Twilight (Boone-Straight) F.D.—Liseran purple, many petals, pale rose purple.....	2.50	5.00
Victoria (Reed) I.C.—Bright yellow.....	1.50	
Washington Giant (Lee) I.D. — Lavender, streaked silver and silver petaloids.....	5.00	
White Wonder (Kemp) F.D.—The White Fort Monmouth	3.75	7.50
William J. Rathgeber (Batto)—Tyrian rose.....	3.75	

STANDARD INTRODUCTIONS

Alice Stellick (Rindfleisch-Dudley) I.D.—Scarlet and white bi-color.....	\$1.00	\$2.00
Ambassador (Bromall) R.C.—Soft yellow buff, shaded salmon pink .....	.35	.50
American Legion (Nuneviller) I.D.—Large sulphur yellow	2.00	4.00
American Triumph (Nuneviller) I.C. — Bright oriental red .....	.35	.50
Andrea Ericson (Fisher & Masson) I.D. — White	1.00	2.00
Attila (Vilmorin) I.C. — Dark maroon color with white tips.....	.50	1.00
Buckeye Flame (Peck) F.D.—Flame color.....	.75	1.50
Buckeye Peach (Peck) F.D.—Peach color.....		.75
Champoeg (Crites-Kemp) F.D.—Waxy canary yellow, shading to salmon pink.....	.75	1.50
Chappaqua Alaska (Siebrecht) F.D. — Pure white	1.25	2.50
Chappaqua Chieftain (Siebrecht) I.D.—A bizarre, intriguing bi-color of bronze and white	1.00	2.00
Chas. G. Reed (Ballay) F.D.—Purple red.....	.75	1.50
City of Jackson (Cronberger) I.D. — Picric yellow gradually blending into coral pink.....	1.00	2.00

	Plants	Roots
City of Wellston (Blamer-Ruschmohr) F.D.— Rhodamiane purple with tones of tyrian rose	1.50	3.00
Dancing Sultana (Newsome) S.C.—Bright oriental lacquer red	1.00	2.00
Draude (Draude) B.—Dark red with perfect form	.35	.50
Dwight W. Morrow (Dixon-Maytrott) F.D.— Crimson red	1.00	2.00
Eagle Rock Fantasy (Bromall) I.D. — Clear mallow pink of great size and depth	1.25	2.50
Edward Rindfleisch (Rindfleisch) F.D.—Large scarlet	1.25	2.50
Edward Thomas Bedford (Fisher & Masson) I.D.—Deep purple	.50	1.00
Emanuel's Beauty (Mendoza)—Red and gold	.50	1.00
Fanny Sandt (Viele & Mendham) — Intense rose pink	2.00	4.00
Fort Monmouth (Kemp) I.D.—Rich claret	.50	1.00
Francis Amherst Johnson (Fisher & Masson) I.D.—Pink	.50	1.00
Full Moon (Reed) F.D.—Yellow	2.00	4.00
F. W. Butler (Boston) F.D. — Gold overlaid brownish red	2.00	4.00
F. W. Church (Porter-Ruschmohr) I.D.—Very delicate in tone, center pale rose purple and petals white tinted faintly	1.50	3.00
Girl of Hillcrest (Scott) F.D.—Bronze	1.00	2.00
Golden Harvest (Reed) S.C.—Sulphur yellow	.75	1.50
Jane Cowl (Downs) I.D.—Apricot		.50
Jay See Dee (Draude) B.—Violet speckled red	.50	.75
Jean Keefer (Keefer-Kemp) I.D. — Beautiful pink shading to silver and pastel mauve	.75	1.50
Jean Trimbee (Waite) S.C.—Large purple	1.00	2.00
J. D. Torbert (Eastman) I.D.—Peach pink	.50	1.00
Jersey Melody (Waite) S.C.—Rich carmine red with silver reverse	1.25	2.50
Jersey Triumph (Waite) F.D.—Copper	.50	1.00
Josephine G. (Grosscross-Ruschmohr) S.C.— True rose pink, petals tipped pinaud yellow with unusual bloom formation	.50	1.00
Kathleen Norris (Fisher & Masson) I.D.—Rose pink	.50	1.00
Kaweah (Meusindorffer)—Deep rose cerise pink	3.00	6.00
Kemp's Violet Wonder (Kemp) I.D.—Violet purple	.50	.75
Lavender Beauty (Fisher & Masson) B.—Large speckled lavender	.65	1.25
Mary Baker (Wickersham) I.D.—Sulphur yellow	1.50	3.00
Mary Helen (Alling) B.—Canary yellow	.50	1.00
Maud Adams B.—White and lilac suffused	.35	.50
Meadowbrook (Bryenton-Ruschmohr) F.D.— Light mallow purple, edged mallow pink	1.00	2.00
Monmouth Champion (Kemp) F.D. — Xanthine orange	.75	1.50
Murphy's Masterpiece (Reed) I.D.—Very large red	3.75	
Myra Howard (Glutzbeck-Maytrott) I.D. — Ochreous orange	2.00	4.00
New Glory (Trostle) S.C.—Varigated, red and white	.50	.75
Olive Robinson R.C.—Pink and white		.75
Omar Khayyam (Stout-Maytrott) F.D. — Chinese red, shading to bright orange	1.00	2.00
Patricia Ann (Delbrugge-Rushmohr) F.D. — Pure yellow, blending into alzerine pink	1.25	2.50

	Plants	Roots
Prince of Persia (Newsome) I.D.—Bright red	1.00	2.00
Red Lion (Ballay) I.D.—Bright red.....	.75	1.50
Royal White (Bruidegom) F.D.—Pure white....	1.00	2.00
Salem's Pride (Sickler) F.D.—Reddish violet, suffused, streaked and lightly tipped white....	.50	
Sara (Rieder) F.D.—Buff.....	1.00	2.00
Satan (Ballay) S.C.—Flaming red. Very large	2.50	5.00
Sharazaad (Newsome) I.D.—Deep pink, large and sturdy	1.00	2.00
Snowcap (Fraser) F.D.—Pure white.....	1.00	2.00
Star of Bethlehem (Nolet) S.C.—Pure white, with pointed petals .....	.75	
Supt. Amerthyn B.—Lavender.....	.35	.50
Tang (Downs) I.D.—Orange flame with gold shadings, tan reverse .....	.75	
The Commodore (Scott) F.D.—Large yellow....	1.00	2.00
W. A. Yerken F.D.—Red and white variegated	1.50	3.00
Warren Church (Underhill) R.C.—White with lavender center	1.00	2.00

POMPON DAHLIAS

Aimee (Boston)—A popular tiny orange cad- mium shaded apricot, on long stems.....	.25	.35
Anna Von Schwerin—A dainty shell pink.....	.25	.35
Atom (Edymel)—Fiery red. One of the best early and profuse bloomers of perfect form	.25	.35
Dee Dee (Estes)—Pale lilac. Late blooms are excellent for exhibition .....	.25	.35
Donny—Lovely orange of perfect form. Good for exhibition .....	.35	.50
Dot (Maytrott)—A pure white pom on perfect stems .....	.25	.35
Edith Mueller—A fine cutting variety in a new shading—a bright cerise pink with silver reverse .....	.25	.50
Elizabeth—Lemon yellow, heavily tipped car- mine .....	.25	.35
Gannymede—Pale pink and yellow.....		.25
Gary (Frame)—Very fine exhibition red. This is a 1934 introduction and is listed on Mr. Hart's Honor Roll (Plants only).....	1.00	
Helen Anita—Attractive coloring, lavender pink with a white center.....	.25	.35
Honey (Farnum) — Pale honey yellow with faint suffusion edge of petals. An early and constant bloomer .....	.35	.50
Joe Fette—Pure white.....	.25	.50
Johnny Peppin—Small dark crimson, splendid formation .....	.25	.35
Kleine Domitea—Bright orange buff. A good grower and bloomer.....		.25
Little Edith — The perfect pom. Wins more prizes than any other pom. Color: primrose yellow, tipped bright carmine.....	.35	.50
Mickey (Maytrott)—Crimson and yellow.....	.25	.50
Nellie Fraser—Light ground, edged rose pink....		.35
Nerissa—One of the best exhibition poms. Soft rose tinted silver.....	.35	
Prince Charming—Lavender at petal base, heav- ily tipped deeper.....		.25
Sonny (Fisher & Masson)—Pinkish cinnamon. Early and free bloomer.....	.50	1.00
Sumeya—Rosy magenta, fine form and good stems .....	.35	.75

ANEOMY, COLLARETTE, DUPLEX, MIGNON, MINATURE, ORCHID, PEONY AND SINGLE DAHLIAS

	Plants	Roots
Ada Finch—A—White	\$.25	\$.50
Agalia—Min.—Soft apricot and salmon.....	.25	.50
Bishop of Landaff—Min.—Bright scarlet.....		.75
Bluebird—Min.—Dark lavender almost blue.....	.35	.75
Coronne—Min.—White, similar to a gardenia....	.35	.50
Dahliadel Glory—P—Scarlet tipped reddish ap- ricot .....		.75
Fedor—Min.—Pink .....		.75
Geant de Lyon—Coll.—Rich, velvety carmine maroon, with long cream color collar. The prettiest of all collarettes.....	.35	.75
Gladys Century — S — Lavender held on erect stems with petals evenly placed.....	.35	.75
Gloria—S—Bright scarlet .....		.75
Irene—Min.—Pink .....		.50
Judith—Min.—Red .....		.50
Little Jewel—Min.—Peach blossom pink.....	.35	.50
Lois—S—Pink .....		.75
Mavis—O—Light lilac .....		.50
Mrs. Scrimgeour—Min.—Orange suffused apri- cot .....		.50
Mt. Whitney Sunset—Min.—Amber.....		1.50
Muriel—Min.—Apricot, rose and gold.....		.50
Newport Wonder—S—Rose pink and gold.....		.50
Pink Pearl—Min.—Lovely pink.....		.50
Polly—O—Yellow, carmine lake reverse.....		.50
Prince of Bulgaria—Mig.—Red and white bi- color .....	.35	.75
Raider—Min.—Cinnamon, chrome base.....		.50
Rhoda—Min.—Yellow and russet orange.....	.35	.50
Red Head—Min.—Scarlet .....	.50	
Skippy—Min.—White tipped carmine.....	.50	
Sofa—Coll.—Soft scarlet with pale lemon yel- low .....	.50	1.00
Sunny Slope Poinsettia—Dup.—Red		1.00
Traymore—Coll.—Yellow with gold collar.....	.50	

We are offering from our surplus stock the following collections of mixed varieties, no two alike:

6 Plants, not labelled..... \$3.00
12 Plants, labelled 7.50

NOTE: We do not propagate plants of the larger size dahlias unless they retail for at least \$1.00 per plant.

12 Roots, not labelled.....\$ 5.00
12 Roots, labelled 7.50
12 Roots, labelled 12.00

You are guaranteed your money's worth in the above collections.

We are members of National Association of Commercial Dahlia Growers which is composed of reputable and financially responsible Dahlia growers and dealers. This emblem in the advertisement of a Dahlia grower signifies his membership in the Association. It stands for Integrity, Reliability and a Square Deal in every particular. You need have no hesitancy in dealing with any member of the National Association of Commercial Dahlia Growers.



DIRECTIONS FOR THE GROWING AND CULTIVATION OF EXHIBITION DAHLIAS

Time — The proper time to plant dahlias for exhibition purposes in this climate is about the tenth of June. Of course, if one is not depending upon the shows, they can be planted as soon as the frost is over. In this climate we advise a succession of planting from May 15 to July 1.

Preparing Soil — About one week or ten days before planting, spade your garden and leave it in the rough, then broadcast into soil to every 100 sq. ft. or to approximately ten dahlia hills 5 lbs. raw bonemeal mixed with 2 lbs. of muriate or sulphate potash which should be raked into the soil thoroughly.

Planting of Roots — Plant about 6 inches deep, no more, laying root flat on its side with eye facing upward. Fill hole only halfway to top and as sprout grows gradually fill in.

Planting of Green Plants — As plants are received, remove cartons and leave in pot. Soak them in shallow water for a few minutes in order to freshen plant after its journey through the mail. Set out plants in late afternoon or on a cloudy day, removing pot from plant. Make sure that plant is planted deep enough and if the following day should be hot and sunny, suggest shading plant with a peach basket during the heat of the day. Fill hole gradually with dirt as plant grows.

Cultivation — Keep soil well pulverized and suggest cultivation about 24 hours after rainfall, in order to keep the soil from becoming baked. This is very important and should there be lack of rain, suggest weekly cultivations. Discontinue all cultivating after August 15, as roots have a tendency to come to top and will be disturbed by continuous cultivating.

Watering — Unless weather is very dry, dahlias will need no water until they commence to bloom. Then water thoroughly, soak the ground every week or ten days as needed.

Insects — Can usually be controlled by spraying weekly with a good insecticide. Even though plants appear to be clean and healthy, a weekly spray will act as a preventive. When you find a flower is being eaten or a stem drooping, make a search and you will be sure to find the troublesome pest, and kill it.

Disbudding and Disbranching — To get large flowers on long stems it is very necessary to disbud and disbranch. When plants come up leave only one stalk. After three sets of leave appear, pinch out the crown or center. In a short time a top pair of laterals will make themselves evident which eventually will be a branch of the dahlia bush. When the buds appear, leave only one of the three

buds that usually come in a cluster, pinching out the side two. New branches will appear in the form of laterals between the leaves and the stalk. These should also be pinched out and it is well to pinch out three sets of laterals below the remaining bud. This will keep your plant low and bushy and you will have many flowers on long stems from branches below which will develop rapidly.

Fertilization — When buds appear, which is usually about the 20th to the 25th of August, it is well to give them a top dressing of fertilizer and we suggest at this time $1\frac{1}{2}$ lbs. of bonemeal flour, $1\frac{1}{2}$ lbs. of animal tankage and 1 lb. of muriate of potash or sulphate of potash. Mix well and broadcast not closer than 6 inches nor more than 18 inches from the stalk. The foregoing formula is sufficient for one application to ten hills.

Cut Flowers — Dahlias should be cut in the early morning or in the evening after sundown. After flowers are cut dip stems into hot water (about boiling) for one or two minutes. Then place in deep cold water in a cellar for a few hours to freshen. Flowers then may be ready to ship by packing in strong corrugated boxes, laid out in florists tissue paper. It might be well to fold up newspapers to act as a pillow for the large blooms to rest on in order to avoid bruising.

Storage — After the black frost has killed the dahlias, cut the tops at the ground and dig them carefully with a good fork, being careful not to strain the necks of the roots. Cut stalk within 2 inches of crown and allow clumps to dry out in the sun three or four hours before placing into barrels or boxes. Suggest that clumps be placed in inverted position while drying, in order that water in stems will drain out. It is well to allow soil to cling to clumps to prevent root necks from breaking and excessive drying of tubers. A good potato cellar is very desirable as a storage bin for dahlias. If this is not available, keep them as far as possible from the heater and in a space where the temperature will not go below 40 degrees nor above 55 degrees.

Preparing Soil for Next Year — After roots have been dug spade the garden and plant winter rye. If your soil has a tendency to be acid would broadcast lime stone over it. The spreading of cow manure over the winter rye will also be very beneficial. Turn rye over just before it goes into stalk which in this climate is usually about the first week in May.



